

Selected file: PLUSPAT

Search statement 2

?us5920272/pn

\*\* SS 2: Results 1

Search statement 3

?prt fu legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image  
CPIM (C) Questel-Orbit  
PN - US5920272 A 19990706 [US5920272]  
TI - (A) Record carrier containing a signal having a sequence of successive information signal portions  
PA - (A) PHILIPS CORP (US)  
PAO - U.S. Philips Corporation, New York NY [US]  
IN - (A) SCHOUHAMER IMMINK KORNELIS A (NL)  
AP - US90027597 19970725 [1997US-0900275]  
FD - Cont. of US385533 19950208 [1995US-0385533]  
- Continuation of: US5696505 - 19971209  
PR - US90027597 19970725 [1997US-0900275]  
- EP94200387 19940215 [1994EP-0200387]  
- US38553395 19950208 [1995US-0385533]  
IC - (A) H03M-007/00  
EC - G11B-020/14A2B  
- H03M-005/14B  
PCL - ORIGINAL (O) : 341059000; CROSS-REFERENCE (X) : 341095000  
DT - Basic  
CT - US4517552; US4520346; US4683572; US4833470; US4855742; US5048003;  
US5696505  
STG - (A) United States patent  
AB - A series of m-bit information words is converted to a modulated signal. For each information word from the series, an n-bit code word is delivered. The delivered code words are converted to the modulated signal. The code words are distributed over at least one group of a first type and at least one group of a second type. When a code word belonging to a group of the first type is delivered, its group establishes a coding state of a first type. When a code word belonging to a group of the second type is delivered, a coding state of a second type is established which is determined by the information word which is to be converted to the delivered code word. When one of the code words is assigned to the received information word, this code word is selected from a set of code words which depends on the coding state established. The sets of code words belonging to the coding states of the second type are disjunct. In this coding method, the number of unique bit combinations that may be established by the code words in the series are enlarged.

1/1 LGST - (C) LEGSTAT  
PN - US 5920272 [US5920272]  
AP - US 900275/97 19970725 [1997US-0900275]  
DT - US-P  
ACT - 19970725 US/AE-A  
APPLICATION DATA (PATENT)

5/12/03

US 5,920,272

09/899091

{US 900275/97 19970725 [1997US-0900275]}  
- 19990706 US/A  
PATENT  
UP - 1999-32

Search statement 3

?file inpadoc

Selected file: INPADOC

Search statement 2

?fam us5920272/pn

1 Patent Groups  
\*\* SS 2: Results 34

Search statement 3

?famstate nonstop

1/34 INPADOC - (C) INPADOC  
PN - AT 173110 E 19981115 [ATE173110]  
TI - VERFAHREN ZUR UMWANDLUNG VON M-BIT INFORMATIONSWORTEN IN EIN  
MODULIERTES SIGNAL, VERFAHREN ZUM HERSTELLEN EINES  
AUFZEICHNUNGSTRAEGERS, KODIER-, DEKODIER-, AUFZEICHNUNGS- UND  
LESEVORRICHTUNG SOWIE AUFZEICHNUNGSTRAEGER  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - KONINKL PHILIPS ELECTRONICS NV [NL]  
AP - AT 95905746/95-EP 19950201 [1995EP-0905746]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT  
PN - AT 173110 [ATE173110]  
DT - AT-R  
ACTE- 19981115 AT/REF-P  
CORRESPONDS TO EP-PATENT  
(EP 745254 19981104 [EP-745254])  
- 19990615 AT/UEP [+]  
PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION  
UP - 1999-25

2/2 LEGALI - (C) LEGSTAT  
PN - EP 745254 [EP-745254]  
AP - EP 95905746/95 19950201 [1995EP-0905746]  
DT - EP-P  
ACTE- 19950201 EP/AE-A  
EP-APPLICATION  
{EP 95905746/95 19950201 [1995EP-0905746]}  
- 19961204 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE  
- 19961204 EP/AX [ + ]

EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 960916  
- 19961204 EP/A1 [+] PUBLICATION OF APPLICATION WITH SEARCH REPORT  
- 19961204 EP/17P [+] REQUEST FOR EXAMINATION FILED  
960916  
- 19970917 EP/17Q [+] FIRST EXAMINATION REPORT  
970805  
- 19981104 EP/AK-B1 [+] DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE  
- 19981104 EP/AX [+] EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 960916  
- 19981104 EP/B1 [+] PATENT SPECIFICATION  
- 19981104 EP/REF-R [+] IN AUSTRIA REGISTERED AS:  
(AT 173110 19981115 [ATE173110])  
- 19981113 EP/REG; CH/EP [+] CH: ENTRY IN THE NATIONAL PHASE  
<CH>  
- 19981210 EP/REF-P CORRESPONDS TO:  
(DE 69505794 19981210 [DE69505794])  
- 19990113 EP/REG; IE/FG4D IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND  
<IE>  
- 19990115 EP/ET [+] FR: TRANSLATION FILED  
- 19990121 EP/ITF [+] IT: TRANSLATION FOR A EP PATENT FILED  
ING. C. GREGORJ S.P.A.  
- 19990401 EP/REG; ES/FG2A ES: DEFINITIVE PROTECTION  
2126877T3  
<ES>  
- 19990430 EP/REG; PT/SC4A [+] PT: TRANSLATION IS AVAILABLE  
19990202 AVAILABILITY OF NATIONAL TRANSLATION  
<PT>  
- 19990719 EP/REG; DK/T3 [+] DK: TRANSLATION OF EP PATENT  
<DK>  
- 19991027 EP/26N [+] NO OPPOSITION FILED  
- 20020101 EP/REG; GB/IF02 [+] GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
<GB>  
UP - 2002-17

2/34 INPADOC - (C) INPADOC

PN - AU 14240/95 A1 19950904 [AU9514240]

TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS

## A RECORD CARRIER

IN - IMMINK KORNELIS ANTONIE SCHOUH  
PA - PHILIPS ELECTRONICS NV  
AP - AU 14240/95-A 19950201 [1995AU-0014240]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - H03M-007/28

## 3/34 INPADOC - (C) INPADOC

PN - AU 692822 B2 19980618 [AU-692822]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER  
IN - IMMINK KORNELIS ANTONIE SCHOUH  
PA - PHILIPS ELECTRONICS NV  
AP - AU 14240/95-A 19950201 [1995AU-0014240]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - H03M-007/28

## 4/34 INPADOC - (C) INPADOC

PN - BG 100774 A 19970430 [BG-100774]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS A [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - BG 100774/96-A 19960809 [1996BG-0100774]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/14; H03M-005/14; H03M-007/20

## 5/34 INPADOC - (C) INPADOC

PN - BG 62106 B1 19990226 [BG--62106]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS A [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - BG 100774/96-A 19960809 [1996BG-0100774]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/00

## 6/34 INPADOC - (C) INPADOC

PN - BR 9506787 A 19970916 [BR9506787]  
TI - PROCESSOS DE CONVERTER UMA SERIE DE PALAVRAS DE INFORMACAO DE M-BIT EM UM SINAL MODULADO E DE PRODUZIR UM SUPORTE DE GRAVACAO DISPOSITIVOS CODIFICADOR DECODIFICADOR GRAVADOR E DE LEITURA SINAL E SUPORTE DE GRAVACAO  
IN - IMMINK KORNELIS ANTONIE SCHOUHAMER  
PA - PHILIPS ELECTRONICS NV [NL]

5/12/03

US 5,920,272

09/899091

AP - BR 9506787/95-A 19950201 [1995BR-0006787]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/14; H03M-005/14; H03M-007/20

1/1 LEGALI - (C) LEGSTAT

PN - BR 9506787 [BR9506787]

DT - BR-P

ACTE- 19990908 BR/TC

CHANGE OF PROPRIETOR'S NAME

- 20000912 BR/FB36 [-]

GRANT PROCEDURE SUSPENDED ART. 36 OF LPI

- 20010515 BR/FF [+]

INTENTION TO GRANT

- 20010807 BR/FG9A [+]

PATENT OR CERTIFICATE OF ADDITION GRANTED

- 20021001 BR/ME [-]

REQUEST FOR REVOCATION

Claudio Marcus Mandarino

UP - 2002-47

7/34 INPADOC - (C) INPADOC

PN - CA 2183355 AA 19950824 [CA2183355]

TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS  
A RECORD CARRIER

LA - ENG

IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]

PA - PHILIPS ELECTRONICS NV [NL]

AP - CA 2183355/95-A 19950201 [1995CA-2183355].

PR - EP 94200387/94-A 19940215 [1994EP-0200387]

1/1 LEGALI - (C) LEGSTAT

PN - CA 2183355 [CA2183355]

DT - CA-P

ACTE- 19960814 CA/REFW-P

CORRESPONDS TO PCT APPLICATION

<WO 9522802> [WO9522802]

UP - 1998-31

8/34 INPADOC - (C) INPADOC

PN - CZ 9602389 A3 20020612 [CZ9602389]

TI - RECORDING MEDIUM, PROCESS FOR PRODUCING SUCH RECORDING MEDIUM WITH  
RECORD, ENCODING DEVICE, DECODING METHOD AND DECODING APPARATUS

IN - SCHOUHAMER IMMINK KORNELIUS A [NL]

PA - KONINKL PHILIPS ELECTRONICS NV [NL]

AP - CZ 2389/96-A 19950201 [1996CZ-0002389]

PR - EP 94200387/94-A 19940215 [1994EP-0200387]

IC - G11B-020/00

1/1 LEGALI - (C) LEGSTAT

PN - CZ 9602389 [CZ9602389]

DT - CZ-A

5/12/03

US 5,920,272

09/899091

ACTE- 20000630 CZ/PD00  
Pending as of 2000-06-30  
- 20020612 CZ/BB9A  
Published application  
UP - 2002-27

9/34 INPADOC - (C) INPADOC  
PN - CZ 290751 B6 20021016 [CZ-290751]  
TI - RECORD CARRIER, PROCESS FOR PRODUCING THE CARRIER WITH A RECORD,  
CODING DEVICE, DECODING METHOD, AND DECODING DEVICE  
IN - SCHOUHAMER IMMINK KORNELIUS A [NL]  
PA - KONINKL PHILIPS ELECTRONICS NV [NL]  
AP - CZ 2389/96-A 19950201 [1996CZ-0002389]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT  
PN - CZ 290751 [CZ-290751]  
DT - CZ-P  
ACTE- 20021016 CZ/FG4A [+]  
Granted patent  
UP - 2002-45

2/2 LEGALI - (C) LEGSTAT  
PN - CZ 9602389 [CZ9602389]  
DT - CZ-A  
ACTE- 20000630 CZ/PD00  
Pending as of 2000-06-30  
- 20020612 CZ/BB9A  
Published application  
UP - 2002-27

10/34 INPADOC - (C) INPADOC  
PN - DE 69505794 C0 19981210 [DE69505794]  
TI - VERFAHREN ZUR UMWANDLUNG VON M-BIT INFORMATIONSWORTEN IN EIN  
MODULIERTES SIGNAL, VERFAHREN ZUM HERSTELLEN EINES  
AUFZEICHNUNGSTRAEGERS, KODIER-, DEKODIER-, AUFZEICHNUNGS- UND  
LESEVORRICHTUNG SOWIE AUFZEICHNUNGSTRAEGER  
IN - SCHOUHAMER IMMINK KORNELIS [NL]  
PA - KONINKL PHILIPS ELECTRONICS NV [NL]  
AP - DE 69505794/95-A 19950201 [1995DE-6005794]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT  
PN - DE 69505794 [DE69505794]  
DT - DE-P  
ACTE- 19981210 DE/REF-P  
CORRESPONDS TO  
(EP 745254 19981210 [EP-745254])  
- 19990602 DE/8373  
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS  
BEEN PUBLISHED  
- 19991202 DE/8364 [+]

## NO OPPOSITION DURING TERM OF OPPOSITION

UP - 1999-48

## 2/2 LEGALI - (C) LEGSTAT /

PN - EP 745254 [EP-745254]

AP - EP 95905746/95 19950201 [1995EP-0905746]

DT - EP-P

ACTE- 19950201 EP/AE-A

EP-APPLICATION

{EP 95905746/95 19950201 [1995EP-0905746]}

- 19961204 EP/AK-A1 [+]

DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

- 19961204 EP/AX [+]

EXTENSION OF THE EUROPEAN PATENT TO

SI PAYMENT 960916

- 19961204 EP/A1 [+]

PUBLICATION OF APPLICATION WITH SEARCH REPORT

- 19961204 EP/17P [+]

REQUEST FOR EXAMINATION FILED

960916

- 19970917 EP/17Q [+]

FIRST EXAMINATION REPORT

970805

- 19981104 EP/AK-B1 [+]

DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

- 19981104 EP/AX [+]

EXTENSION OF THE EUROPEAN PATENT TO

SI PAYMENT 960916

- 19981104 EP/B1 [+]

PATENT SPECIFICATION

- 19981104 EP/REF-R [+]

IN AUSTRIA REGISTERED AS:

(AT 173110 19981115 [ATE173110])

- 19981113 EP/REG; CH/EP [+]

CH: ENTRY IN THE NATIONAL PHASE

&lt;CH&gt;

- 19981210 EP/REF-P

CORRESPONDS TO:

(DE 69505794 19981210 [DE69505794])

- 19990113 EP/REG; IE/FG4D

IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND

&lt;IE&gt;

- 19990115 EP/ET [+]

FR: TRANSLATION FILED

- 19990121 EP/ITF [+]

IT: TRANSLATION FOR A EP PATENT FILED

ING. C. GREGORJ S.P.A.

- 19990401 EP/REG; ES/FG2A

ES: DEFINITIVE PROTECTION

2126877T3

&lt;ES&gt;

- 19990430 EP/REG; PT/SC4A [+]

PT: TRANSLATION IS AVAILABLE

19990202 AVAILABILITY OF NATIONAL TRANSLATION

&lt;PT&gt;

- 19990719 EP/REG; DK/T3 [+]

DK: TRANSLATION OF EP PATENT

5/12/03

US 5,920,272

09/899091

<DK>  
- 19991027 EP/26N [+]  
NO OPPOSITION FILED  
- 20020101 EP/REG; GB/IF02 [+]  
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
<GB>  
UP - 2002-17

11/34 INPADOC - (C) INPADOC  
PN - DE 69505794 T2 19990602 [DE69505794]  
TI - VERFAHREN ZUR UMWANDLUNG VON M-BIT INFORMATIONSWORTEN IN EIN  
MODULIERTES SIGNAL, VERFAHREN ZUM HERSTELLEN EINES  
AUFZEICHNUNGSTRAEGERS, KODIER-, DEKODIER-, AUFZEICHNUNGS- UND  
LESEVORRICHTUNG SOWIE AUFZEICHNUNGSTRAEGER  
IN - SCHOUHAMER IMMINK KORNELIS [NL]  
PA - KONINKL PHILIPS ELECTRONICS NV [NL]  
AP - DE 69505794/95-A 19950201 [1995DE-6005794]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/00

1/2 LEGALI - (C) LEGSTAT  
PN - DE 69505794 [DE69505794]  
DT - DE-P  
ACTE- 19981210 DE/REF-P  
CORRESPONDS TO  
(EP 745254 19981210 [EP-745254])  
- 19990602 DE/8373  
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS  
BEEN PUBLISHED  
- 19991202 DE/8364 [+]  
NO OPPOSITION DURING TERM OF OPPOSITION  
UP - 1999-48

2/2 LEGALI - (C) LEGSTAT  
PN - EP 745254 [EP-745254]  
AP - EP 95905746/95 19950201 [1995EP-0905746]  
DT - EP-P  
ACTE- 19950201 EP/AE-A  
EP-APPLICATION  
{EP 95905746/95 19950201 [1995EP-0905746]}  
- 19961204 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE  
- 19961204 EP/AX [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 960916  
- 19961204 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT  
- 19961204 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
960916  
- 19970917 EP/17Q [+]  
FIRST EXAMINATION REPORT  
970805  
- 19981104 EP/AK-B1 [+]  
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE  
- 19981104 EP/AX [+] EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 960916  
- 19981104 EP/B1 [+] PATENT SPECIFICATION  
- 19981104 EP/REF-R [+] IN AUSTRIA REGISTERED AS:  
(AT 173110 19981115 [ATE173110])  
- 19981113 EP/REG; CH/EP [+] CH: ENTRY IN THE NATIONAL PHASE  
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- 19981210 EP/REF-P CORRESPONDS TO:  
(DE 69505794 19981210 [DE69505794])  
- 19990113 EP/REG; IE/FG4D IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND  
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- 19990115 EP/ET [+] FR: TRANSLATION FILED  
- 19990121 EP/ITF [+] IT: TRANSLATION FOR A EP PATENT FILED  
ING. C. GREGORJ S.P.A.  
- 19990401 EP/REG; ES/FG2A ES: DEFINITIVE PROTECTION  
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<ES>  
- 19990430 EP/REG; PT/SC4A [+] PT: TRANSLATION IS AVAILABLE  
19990202 AVAILABILITY OF NATIONAL TRANSLATION  
<PT>  
- 19990719 EP/REG; DK/T3 [+] DK: TRANSLATION OF EP PATENT  
<DK>  
- 19991027 EP/26N [+] NO OPPOSITION FILED  
- 20020101 EP/REG; GB/IF02 [+] GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
<GB>  
UP - 2002-17

12/34 INPADOC - (C) INPADOC  
PN - DK 745254 T3 19990719 [DK-745254]  
TI - FREMGANGSMAADE TIL AT OMDANNE EN RAEKKE INFORMATIONSORD PAA M BITS TIL  
ET MODULERET SIGNAL, FREMGANGSMAADE TIL AT FREMBRINGE EN  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - KONINKL PHILIPS ELECTRONICS NV [NL]  
AP - DK 95905746/95-A 19950201 [1995DK-0905746]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/00

13/34 INPADOC - (C) INPADOC  
PN - EP 745254 A1 19961204 [EP-745254]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS

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US 5,920,272

09/899091

A RECORD CARRIER  
LA - ENG  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [SE]  
AP - EP 95905746/95-A 19950201 [1995EP-0905746]  
PR - EP 95905746/95-A 19950201 [1995EP-0905746]  
- EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/00  
DS - AT\* BE\* CH\* DE\* DK\* ES\* FR\* GB\* GR\* IE\* IT\* LI\* LU\* MC\* NL\* PT\* SE\*

1/3 LEGALI - (C) LEGSTAT  
PN - DE 69505794 [DE69505794]  
DT - DE-P  
ACTE- 19981210 DE/REF-P  
CORRESPONDS TO  
(EP 745254 19981210 [EP-745254])  
- 19990602 DE/8373  
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS  
BEEN PUBLISHED  
- 19991202 DE/8364 [+]  
NO OPPOSITION DURING TERM OF OPPOSITION  
UP - 1999-48

2/3 LEGALI - (C) LEGSTAT  
PN - AT 173110 [ATE173110]  
DT - AT-R  
ACTE- 19981115 AT/REF-P  
CORRESPONDS TO EP-PATENT  
(EP 745254 19981104 [EP-745254])  
- 19990615 AT/UEP [+]  
PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION  
UP - 1999-25

3/3 LEGALI - (C) LEGSTAT  
PN - EP 745254 [EP-745254]  
AP - EP 95905746/95 19950201 [1995EP-0905746]  
DT - EP-P  
ACTE- 19950201 EP/AE-A  
EP-APPLICATION  
{EP 95905746/95 19950201 [1995EP-0905746]}  
- 19961204 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE  
- 19961204 EP/AX [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 960916  
- 19961204 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT  
- 19961204 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
960916  
- 19970917 EP/17Q [+]  
FIRST EXAMINATION REPORT  
970805  
- 19981104 EP/AK-B1 [+]  
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

5/12/03

US 5,920,272

09/899091

- 19981104 EP/AX [+] EXTENSION OF THE EUROPEAN PATENT TO SI PAYMENT 960916
- 19981104 EP/B1 [+] PATENT SPECIFICATION
- 19981104 EP/REF-R [+] IN AUSTRIA REGISTERED AS:  
(AT 173110 19981115 [ATE173110])
- 19981113 EP/REG; CH/EP [+] CH: ENTRY IN THE NATIONAL PHASE  
<CH>
- 19981210 EP/REF-P CORRESPONDS TO:  
(DE 69505794 19981210 [DE69505794])
- 19990113 EP/REG; IE/FG4D IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND  
<IE>
- 19990115 EP/ET [+] FR: TRANSLATION FILED
- 19990121 EP/ITF [+] IT: TRANSLATION FOR A EP PATENT FILED  
ING. C. GREGORJ S.P.A.
- 19990401 EP/REG; ES/FG2A ES: DEFINITIVE PROTECTION  
2126877T3  
<ES>
- 19990430 EP/REG; PT/SC4A [+] PT: TRANSLATION IS AVAILABLE  
19990202 AVAILABILITY OF NATIONAL TRANSLATION  
<PT>
- 19990719 EP/REG; DK/T3 [+] DK: TRANSLATION OF EP PATENT  
<DK>
- 19991027 EP/26N [+] NO OPPOSITION FILED
- 20020101 EP/REG; GB/IF02 [+] GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
<GB>

UP - 2002-17

14/34 INPADOC - (C) INPADOC

PN - EP 745254 B1 19981104 [EP-745254]

TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE, DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS A RECORD CARRIER

LA - ENG

IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]

PA - KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [SE]

AP - EP 95905746/95-A 19950201 [1995EP-0905746]

PR - EP 95905746/95-A 19950201 [1995EP-0905746]  
- EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]

IC - G11B-020/00

DS - AT\* BE\* CH\* DE\* DK\* ES\* FR\* GB\* GR\* IE\* IT\* LI\* LU\* MC\* NL\* PT\* SE\*

1/3 LEGALI - (C) LEGSTAT

PN - DE 69505794 [DE69505794]  
DT - DE-P  
ACTE- 19981210 DE/REF-P  
CORRESPONDS TO  
(EP 745254 19981210 [EP-745254])  
- 19990602 DE/8373  
TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS  
BEEN PUBLISHED  
- 19991202 DE/8364 [+]  
NO OPPOSITION DURING TERM OF OPPOSITION  
UP - 1999-48

## 2/3 LEGALI - (C) LEGSTAT

PN - AT 173110 [ATE173110]  
DT - AT-R  
ACTE- 19981115 AT/REF-P  
CORRESPONDS TO EP-PATENT  
(EP 745254 19981104 [EP-745254])  
- 19990615 AT/UEP [+]  
PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION  
UP - 1999-25

## 3/3 LEGALI - (C) LEGSTAT

PN - EP 745254 [EP-745254]  
AP - EP 95905746/95 19950201 [1995EP-0905746]  
DT - EP-P  
ACTE- 19950201 EP/AE-A  
EP-APPLICATION  
{EP 95905746/95 19950201 [1995EP-0905746]}  
- 19961204 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE  
- 19961204 EP/AX [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 960916  
- 19961204 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT  
- 19961204 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
960916  
- 19970917 EP/17Q [+]  
FIRST EXAMINATION REPORT  
970805  
- 19981104 EP/AK-B1 [+]  
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE  
- 19981104 EP/AX [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
SI PAYMENT 960916  
- 19981104 EP/B1 [+]  
PATENT SPECIFICATION  
- 19981104 EP/REF-R [+]  
IN AUSTRIA REGISTERED AS:  
(AT 173110 19981115 [ATE173110])  
- 19981113 EP/REG; CH/EP [+]  
CH: ENTRY IN THE NATIONAL PHASE  
<CH>  
- 19981210 EP/REF-P  
CORRESPONDS TO:

(DE 69505794 19981210 [DE69505794])  
- 19990113 EP/REG; IE/FG4D  
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND  
<IE>  
- 19990115 EP/ET [+]  
FR: TRANSLATION FILED  
- 19990121 EP/ITF [+]  
IT: TRANSLATION FOR A EP PATENT FILED  
ING. C. GREGORJ S.P.A.  
- 19990401 EP/REG; ES/FG2A  
ES: DEFINITIVE PROTECTION  
2126877T3  
<ES>  
- 19990430 EP/REG; PT/SC4A [+]  
PT: TRANSLATION IS AVAILABLE  
19990202 AVAILABILITY OF NATIONAL TRANSLATION  
<PT>  
- 19990719 EP/REG; DK/T3 [+]  
DK: TRANSLATION OF EP PATENT  
<DK>  
- 19991027 EP/26N [+]  
NO OPPOSITION FILED  
- 20020101 EP/REG; GB/IF02 [+]  
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
<GB>  
UP - 2002-17

15/34 INPADOC - (C) INPADOC  
PN - ES 2126877 T3 19990401 [ES2126877]  
TI - METODO DE CONVERSION DE UNA SERIE DE PALABRAS DE INFORMACION EN UNA  
SENAL MODULADA, METODO DE PRODUCCION DE UN SOPORTE DE GRABACION,  
DISPOSITIVO DE CODIFICACION, DISPOSITIVO DE DECODIFICADO, DISPOSITIVO  
DE GRABACION, DISPOSITIVO DE LECTURA, ASI COMO UN SOPORTE DE GRABACION.  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - KONINKL PHILIPS ELECTRONICS NV  
AP - ES 95905746/95-EP 19950201 [1995EP-0905746]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
IC - G11B-020/00

1/1 LEGALI - (C) LEGSTAT  
PN - ES 2126877 [ES2126877]  
DT - ES-P  
ACTE- 19990401 ES/FG2A  
DEFINITIVE PROTECTION  
745254  
UP - 1999-14

16/34 INPADOC - (C) INPADOC  
PN - FI 963151 A0 19960812 [FI9603151]  
TI - MENETELMAE M-BITTISTEN INFORMAATIOSANOJEN SARJAN MUUNTAMISEKSI  
MODULOIDUKSI SIGNAALIKSI, MENETELMAE TALLENNEALUSTAN KOODAUSLAITTEEN,  
DEKODAUSLAITTEEN, TALLENNUSLAITTEEN JA SIGNAALIN TUOTTAMISEKSI, SEKAE  
TALLENNUSALUSTA  
- FOERFARANDE FOER OMVANDLING AV EN SERIE AV M-BIT INFORMATIONSDORD TILL  
EN MODULERAD SIGNAL, FOERFARANDE FOER PRODUCERING AV EN  
INSPELNINGSBAERARE, KODNINGSANORDNING, AVKODNINGSANORDNING,

5/12/03

US 5,920,272

09/899091

INSPELNINGSANORDNING, SIGNAL SAMT EN INSPELNINGSBAERARE  
IN - IMMINK KORNELIS ANTONIE SCHOUH [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - FI 963151/96-A 19960812 [1996FI-0003151]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - H03M-000/00

1/1 LEGALI - (C) LEGSTAT

PN - FI 963151 [FI9603151]

DT - FI-A

ACTE- 19950201 FI/AE-A

New application filed

<FI 95963151 19950201>

- 19980727 FI/HC

Name/ Company changed in application

Koninklijke Philips Electronics N.V.

UP - 1999-42

17/34 INPADOC - (C) INPADOC

PN - FI 963151 A 19961014 [FI9603151]

TI - MENETELMAE M-BITTISTEN INFORMAATIOSANOJEN SARJAN MUUNTAMISEKSI  
MODULOIDUKSI SIGNAALIKSI, MENETELMAE TALLENNELUSTAN KOODAUSLAITTEEN,  
DEKODAUSLAITTEEN, TALLENNUSLAITTEEN JA SIGNAALIN TUOTTAMISEKSI, SEKAE  
TALLENNUSALUSTA

- FOERFARANDE FOER OMVANDLING AV EN SERIE AV M-BIT INFORMATIONSDORD TILL  
EN MODULERAD SIGNAL, FOERFARANDE FOER PRODUCERING AV EN  
INSPELNINGSBAERARE, KODNINGSANORDNING, AVKODNINGSANORDNING,  
INSPELNINGSANORDNING, SIGNAL SAMT EN INSPELNINGSBAERARE

IN - IMMINK KORNELIS ANTONIE SCHOUH [NL]

PA - PHILIPS ELECTRONICS NV [NL]

AP - FI 963151/96-A 19960812 [1996FI-0003151]

PR - EP 94200387/94-A 19940215 [1994EP-0200387]

- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]

IC - H03M-000/00

1/1 LEGALI - (C) LEGSTAT

PN - FI 963151 [FI9603151]

DT - FI-A

ACTE- 19950201 FI/AE-A

New application filed

<FI 95963151 19950201>

- 19980727 FI/HC

Name/ Company changed in application

Koninklijke Philips Electronics N.V.

UP - 1999-42

18/34 INPADOC - (C) INPADOC

PN - HK 1012767 A1 20000331 [HK1012767]

TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL METHOD OF PRODUCING A RECORD CARRIER CODING DEVICE  
DECODING DEVICE RECORDING DEVICE READING DEVICE SIGNAL AS WELL AS A  
RECORD CARRIER

IN - IMMINK KORNELIS ANTONIE SCHOUH

PA - KONINKL PHILIPS ELECTRONICS NV [NL]

5/12/03

US 5,920,272

09/899091

AP - HK 98114079/98-A 19981219 [1998HK-0114079]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-000/00

19/34 INPADOC - (C) INPADOC  
PN - HU 221085 B1 20020729 [HU-221085]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, AS WELL AS CODING AND DECODING DEVICES WITH ADEQUATE  
SIGNAL AND RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - KONINKL PHILIPS ELECTRONICS NV [NL]  
AP - HU 9602247/96-A 19950201 [1996HU-0002247]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/14

1/1 LEGALI - (C) LEGSTAT  
PN - HU 221085 [HU-221085]  
DT - HU-H  
ACTE- 20020729 HU/HFG4  
PATENT GRANTED, DATE OF GRANTING  
20020516  
UP - 2002-31

20/34 INPADOC - (C) INPADOC  
PN - HU 9602247 A0 19961028 [HU9602247]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS  
A RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - HU 9602247/96-A 19950201 [1996HU-0002247]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]

21/34 INPADOC - (C) INPADOC  
PN - HU 74636 A2 19970128 [HUT074636]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS  
A RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - HU 9602247/96-A 19950201 [1996HU-0002247]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/14; H03M-007/00

22/34 INPADOC - (C) INPADOC  
PN - JP 9512392 T2 19971209 [JP09512392]  
AP - JP 521693/95-A 19950201 [1995JP-0521693]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]

- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - H03M-007/14; G11B-020/14

## 23/34 INPADOC - (C) INPADOC

PN - NO 963388 A0 19960814 [NO9603388]  
TI - FREMGANGSMAATE FOR OMFORMING AV EN REKKE MED M-BIT INFORMASJONSORD TIL  
ET MODULAERT SIGNAL, FREMG. FOR AA PRODUSERE EN REGISTRERINGSBAERER,  
KODEINNRETNING, DEKODEINNRETNING, REGISTRERINGSINNRETNING,  
LESEINNRETNING, SIGNAL SAAVEL SOM EN REGISTRERINGSBAERER  
IN - IMMINK KORNELIS ANTONIE SCHOUH [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - NO 963388/96-A 19960814 [1996NO-0003388]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G06K-000/00

## 24/34 INPADOC - (C) INPADOC

PN - NO 963388 A 19961007 [NO9603388]  
TI - FREMGANGSMAATE FOR OMFORMING AV EN REKKE MED M-BIT INFORMASJONSORD TIL  
ET MODULERT SIGNAL, FREMG. MAATE FOR AA PRODUSERE EN  
REGISTRERINGSBAERER, KODEINNRETNING, DEKODEINNRETNING,  
REGISTRERINGSINNRETNING, LESEINNRETNING, SIGNAL, SAAVEL SOM EN  
REGISTRERINGSBAERER  
IN - IMMINK KORNELIS ANTONIE SCHOUH [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - NO 963388/96-A 19960814 [1996NO-0003388]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/14; H03M-005/14; H03M-007/20

## 25/34 INPADOC - (C) INPADOC

PN - NZ 278137 A 19970224 [NZ-278137]  
TI - DATA CONVERSION; CONVERTING M-BIT INFORMATION TO MODULATED SIGNAL AND  
PRODUCING RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS ANT  
PA - PHILIPS ELECTRONICS NV  
AP - NZ 278137/95-A 19950201 [1995NZ-0278137]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
IC - H03M-007/20

## 26/34 INPADOC - (C) INPADOC

PN - PL 319407 A1 19970804 [PL-319407]  
TI - METHOD OF CONVERTING A NUMBER OF M-BIT INFORMATION WORDS INTO  
MODULATED SIGNAL, METHOD OF MAKING A RECORD CARRIER MEDIUM, ENCODING  
DEVICE, DECODING DEVICE, RECORDING DEVICE, READING OUT DEVICE, SIGNAL  
AS WELL AS RECORD CARRIER MEDIUM  
IN - SCHOUHAMER IMMINK KORNELIS ANT [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - PL 319407/95-A 19950201 [1995PL-0319407]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/14; H03M-005/14; H03M-007/20

## 27/34 INPADOC - (C) INPADOC

5/12/03

US 5,920,272

09/899091

PN - RU 2153707 C2 20000727 [RU2153707]  
TI - METHOD FOR CONVERTING M-BIT DATA WORD SEQUENCE INTO MODULATED SIGNAL,  
RECORD MEDIUM MANUFACTURING PROCESS, ENCODER, DECODER, RECORDER,  
READER, RECORD SIGNAL AND MEDIUM  
IN - KORNELIS ANTONI SKHAUKHAMER IM [NL]  
PA - KONINK FILIPS EHLEKTRONIKS N V [NL]  
AP - RU 96118250/96-A 19950201 [1996RU-0118250]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
IC - G11B-020/14; H03M-005/14; H03M-007/20; G11C-007/00

28/34 INPADOC - (C) INPADOC

PN - SI 745254 T1 19990831 [SI-745254]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS  
A RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS ANT  
PA - KONINKL PHILIPS ELECTRONICS NV [NL]  
AP - SI 9530188/95-A 19950201 [1995SI-0030188]  
PR - EP 95905746/95-A 19950201 [1995EP-0905746]  
- EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/00

29/34 INPADOC - (C) INPADOC

PN - SK 105196 A3 19980506 [SK9601051]  
TI - METHOD OF CONVERTING AN ELECTRIC INFORMATION  
IN - SCHOUHAMER IMMINK K A [NL]  
PA - PHILIPS ELECTRONICS NV [NL]  
AP - SK 1051/96-A 19950201 [1996SK-0001051]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
- WO 9500070/95(IB)-W 19950201 [1995WO-IB00070]  
IC - G11B-020/14; H03M-005/14; H03M-007/20

30/34 INPADOC - (C) INPADOC

PN - US 5696505 A 19971209 [US5696505]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS  
RECORD CARRIER  
IN - SCHOUHAMER IMMINK KORNELIS A [NL]  
PA - PHILIPS CORP [US]  
AP - US 385533/95-A 19950208 [1995US-0385533]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
IC - H03M-007/00

1/1 LEGALI - (C) LEGSTAT

PN - US 5696505 [US5696505]  
AP - US 385533/95 19950208 [1995US-0385533]  
DT - US-P  
ACTE- 19950208 US/AE-A  
APPLICATION DATA (PATENT)  
{US 385533/95 19950208 [1995US-0385533]}  
- 19950324 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST

5/12/03

US 5,920,272

09/899091

U.S. PHILIPS CORPORATION 100 EAST 42ND STREET NEW YORK, NY 10017 \*  
IMMINK, KORNELIS A. SCHOUHAMER : 19950224

- 19971209 US/A  
PATENT

UP - 1999-19

31/34 INPADOC - (C) INPADOC

PN - US 5920272 A 19990706 [US5920272]

TI - RECORD CARRIER CONTAINING A SIGNAL HAVING A SEQUENCE OF SUCCESSIVE  
INFORMATION SIGNAL PORTIONS

IN - SCHOUHAMER IMMINK KORNELIS A [NL]

PA - PHILIPS CORP [US]

AP - US 900275/97-A 19970725 [1997US-0900275]

PR - US 900275/97-A 19970725 [1997US-0900275]

- EP 94200387/94-A 19940215 [1994EP-0200387]

- US 385533/95-A1 19950208 [1995US-0385533]

IC - H03M-007/00

1/1 LEGALI - (C) LEGSTAT

PN - US 5920272 [US5920272]

AP - US 900275/97 19970725 [1997US-0900275]

DT - US-P

ACTE- 19970725 US/AE-A

APPLICATION DATA (PATENT)

{US 900275/97 19970725 [1997US-0900275]}

- 19990706 US/A

PATENT

UP - 1999-32

32/34 INPADOC - (C) INPADOC

PN - WO 9522802 A2 19950824 [WO9522802]

TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS  
A RECORD CARRIER

LA - ENG

IN - SCHOUHAMER IMMINK KORNELIS ANT

PA - PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [SE]

AP - WO IB 9500070/95(IB)-A 19950201 [1995WO-IB00070]

PR - EP 94200387/94-A 19940215 [1994EP-0200387]

IC - G06K-000/00

DS - AM\* AT\* AU\* BB\* BG\* BR\* BY\* CA\* CH\* CN\* CZ\* DE\* DK\* EE\* ES\* FI\* GB\*

GE\* HU\* JP\* KE\* KG\* KP\* KR\* KZ\* LK\* LR\* LT\* LU\* LV\* MD\* MG\* MN\* MW\*

MX\* NL\* NO\* NZ\* PL\* PT\* RO\* RU\* SD\* SE\* SI\* SK\* TJ\* TT\* UA\* UZ\* VN\* AT

BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

1/3 LEGALI - (C) LEGSTAT

PN - RO 9601653 [RO9601653]

AP - RO 9601653 0 [1996RO-0001653]

DT - RO-A

ACTE- 19960814 RO/REFW-P

CORRESPONDS TO PCT DOCUMENT

<WO 9522802> WO9522802

UP - 2003-12

5/12/03

US 5,920,272

09/899091

2/3 LEGALI - (C) LEGSTAT

PN - CA-2183355 [CA2183355]  
DT - CA-P  
ACTE- 19960814 CA/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 9522802> [WO9522802]  
UP - 1998-31

3/3 LEGALI - (C) LEGSTAT

PN - WO 9522802 [WO9522802]  
AP - WO 9500070/95 (IB) 19950201 [1995WO-IB00070]  
DT - WO-P  
ACTE- 19950201 WO/AE-A  
APPLICATION DATA  
{WO 9500070/95 (IB) 19950201 [1995WO-IB00070]}  
- 19950824 WO/AK-A2 [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITHOUT SEARCH  
REPORT  
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP  
KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK  
TJ TT UA UZ VN  
- 19950824 WO/AL-A2 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITHOUT SEARCH REPORT  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
- 19950824 WO/A2 [+]  
PUBLICATION OF THE INTERNATIONAL APPLICATION WITHOUT THE INTERNATIONAL  
SEARCH REPORT  
- 19950928 WO/AK-A3 [+]  
DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED SEARCH REPORT  
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP  
KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK  
TJ TT UA UZ VN  
- 19950928 WO/AL-A3 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A SUBSEQUENTLY  
PUBLISHED SEARCH REPORT  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
- 19950928 WO/A3 [+]  
SUBSEQUENT PUBLICATION OF THE INTERNATIONAL SEARCH REPORT  
- 19951026 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE  
- 19951108 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS  
APPLICATION  
- 19960814 WO/ENP-AA  
ENTRY INTO THE NATIONAL PHASE IN:  
<CA 2183355>  
- 19960814 WO/ENP-A  
ENTRY INTO THE NATIONAL PHASE IN:  
<RO 969601653>  
UP - 2003-12

33/34 INPADOC - (C) INPADOC

PN - WO 9522802 A3 19950928 [WO9522802]  
TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL, METHOD OF PRODUCING A RECORD CARRIER, CODING DEVICE,  
DECODING DEVICE, RECORDING DEVICE, READING DEVICE, SIGNAL, AS WELL AS

5/12/03

US 5,920,272

09/899091

A RECORD CARRIER

LA - ENG  
IN - SCHOUHAMER IMMINK KORNELIS ANT  
PA - PHILIPS ELECTRONICS NV [NL]; PHILIPS NORDEN AB [NL]  
AP - WO IB 9500070/95(IB)-A 19950201 [1995WO-IB00070]  
PR - EP 94200387/94-A 19940215 [1994EP-0200387]  
IC - G06K-000/00  
DS - AM\* AT\* AU\* BB\* BG\* BR\* BY\* CA\* CH\* CN\* CZ\* DE\* DK\* EE\* ES\* FI\* GB\*  
GE\* HU\* JP\* KE\* KG\* KP\* KR\* KZ\* LK\* LR\* LT\* LU\* LV\* MD\* MG\* MN\* MW\*  
MX\* NL\* NO\* NZ\* PL\* PT\* RO\* RU\* SD\* SE\* SI\* SK\* TJ\* TT\* UA\* UZ\* VN\* AT  
BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

1/3 LEGALI - (C) LEGSTAT

PN - RO 9601653 [RO9601653]  
AP - RO 9601653 0 [1996RO-0001653]  
DT - RO-A  
ACTE- 19960814 RO/REFW-P  
CORRESPONDS TO PCT DOCUMENT  
<WO 9522802> WO9522802  
UP - 2003-12

2/3 LEGALI - (C) LEGSTAT

PN - CA 2183355 [CA2183355]  
DT - CA-P  
ACTE- 19960814 CA/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 9522802> [WO9522802]  
UP - 1998-31

3/3 LEGALI - (C) LEGSTAT

PN - WO 9522802 [WO9522802]  
AP - WO 9500070/95(IB) 19950201 [1995WO-IB00070]  
DT - WO-P  
ACTE- 19950201 WO/AE-A  
APPLICATION DATA  
{WO 9500070/95(IB) 19950201 [1995WO-IB00070]}  
- 19950824 WO/AK-A2 [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITHOUT SEARCH  
REPORT  
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP  
KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK  
TJ TT UA UZ VN  
- 19950824 WO/AL-A2 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITHOUT SEARCH REPORT  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
- 19950824 WO/A2 [+]  
PUBLICATION OF THE INTERNATIONAL APPLICATION WITHOUT THE INTERNATIONAL  
SEARCH REPORT  
- 19950928 WO/AK-A3 [+]  
DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED SEARCH REPORT  
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP  
KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK  
TJ TT UA UZ VN  
- 19950928 WO/AL-A3 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A SUBSEQUENTLY  
PUBLISHED SEARCH REPORT  
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

5/12/03

US 5,920,272

09/899091

- 19950928 WO/A3 [+]  
SUBSEQUENT PUBLICATION OF THE INTERNATIONAL SEARCH REPORT
- 19951026 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH  
MONTH FROM PRIORITY DATE
- 19951108 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS  
APPLICATION
- 19960814 WO/ENP-AA  
ENTRY INTO THE NATIONAL PHASE IN:  
<CA 2183355>
- 19960814 WO/ENP-A  
ENTRY INTO THE NATIONAL PHASE IN:  
<RO 969601653>

UP - 2003-12

34/34 INPADOC - (C) INPADOC

PN - ZA 9501115 A 19960812 [ZA9501115]

TI - METHOD OF CONVERTING A SERIES OF M-BIT INFORMATION WORDS TO A  
MODULATED SIGNAL METHOD OF PRODUCING A RECORD CARRIER CODING DEVICE  
DECODING DEVICE RECORDING DEVICE READING DEVICE SIGNAL AS WELL AS A  
RECORD CARRIER

IN - IMMINK KORNELIS ANTONIE SCHOUH

PA - PHILIPS ELECTRONICS NV

AP - ZA 1115/95-A 19950210 [1995ZA-0001115]

PR - EP 94200387/94-A 19940215 [1994EP-0200387]

IC - H03M-000/00